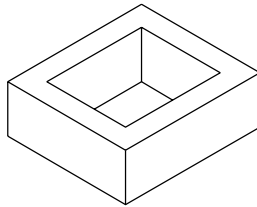
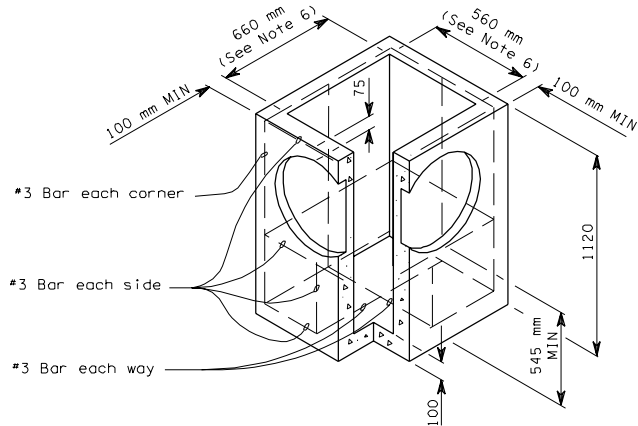


FRAME AND VANED GRATE



RECTANGULAR ADJUSTMENT SECTION



PRECAST BASE SECTION

#### NOTES

1. As an acceptable alternate to rebar, wire mesh having a minimum area of 0.25 square mm per mm may be used. Wire mesh shall not be placed in knockouts.
2. The knockout diameter shall not be greater than 500 mm. Knockouts shall have a wall thickness of 50 mm minimum to 65 mm maximum.
3. The maximum depth from the finished grade to the pipe invert shall be 1.5 m.
4. Frame and grate may be installed with flange down or cast into adjustment section.
5. The precast base section may have a rounded floor and the walls may be sloped at a rate of 24:1 or steeper.
6. Opening shall be measured at the top of the precast base unit.

ALL DIMENSIONS ARE IN MILLIMETERS  
UNLESS OTHERWISE NOTED

### CATCH BASIN TYPE 1

### STANDARD PLAN B-1

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER

DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
OLYMPIA, WASHINGTON